INFORMATION DISCLOSURE	Application Number		10657426	
	Filing Date		2003-09-08	
	First Named Inventor Adam		n J. FERRARI	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2163	
(Not for Submission under 57 Of K 1.55)	Examiner Name	C. E.	Lu	
	Attorney Docket Numb	er	0109878.00132US1	

				U.S.I	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5706497		1998-01-06	Takahashi et al.	
	2	5787422		1998-07-28	Tukey et al.	
	3	5924105		1999-07-13	Punch, III et al.	
	4	5983219		1999-11-09	Danish et al.	
	5	6167368		2000-12-26	Wacholder	
	6	6424971		2002-07-23	Kreulen et al.	
	7	6505197		2003-01-07	Sundaresan et al.	
	8	6539376		2003-03-25	Sundaresan et al.	

Application Number		10657426		
Filing Date		2003-09-08		
First Named Inventor	Adam	J. FERRARI		
Art Unit		2163		
Examiner Name	C. E.	Lu		
Attorney Docket Number		0109878.00132US1		

9	6560597		2003-05-06	Dhillon et al.	
10	6651058		2003-11-18	Sundaresan et al.	
11	6697998		2004-02-24	Damerau et al.	
12	6711585		2004-03-23	Copperman et al.	
13	6735578	A1	2004-05-11	Shetty et al.	
14	6778995		2004-08-17	Gallivan	
15	6868411	A1	2005-03-15	Shanahan	
16	6928434		2005-08-09	Choi et al.	
17	6947930	A1	2005-09-20	Anick et al.	
18	6978274		2005-12-20	Gallivan et al.	
19	7035864		2006-04-25	Ferrari et al.	

Application Number		10657426	
Filing Date		2003-09-08	
First Named Inventor	Adam	J. FERRARI	
Art Unit		2163	
Examiner Name	C. E. Lu		
Attorney Docket Number		0109878 00132US1	

20	7062483	A1	2006-06-13	Ferrari et al.			
21	7072902	A1	2006-07-04	Kleinberger et al.			
22	7085771	A1	2006-08-01	Chung et al.			
23	7092936		2006-08-15	Alonso et al.			
24	7093200	A1	2006-08-15	Schreiber et al.			
25	7099885	A1	2006-08-29	Hellman et al.			
n to ac	ld additional U.S. Paten	t citatio	n information pl	ease click the Add button.		Add	
		U.S.P	ATENT APPLIC	CATION PUBLICATIONS		Remove	
Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva	nt Passag	
1	20020099675	A1	2002-07-25	Agrafiotis et al.			
2	20030110181	A1	2003-06-12	SCHUETZE et al.			
3	20040205448	A1	2004-10-14	Grefenstette et al.			
	21 22 23 24 25 Cite No	21 7072902 22 7085771 23 7092936 24 7093200 25 7099885 1 to add additional U.S. Paten Cite No Publication Number 1 20020099675 2 20030110181	21 7072902 A1 22 7085771 A1 23 7092936 24 7093200 A1 25 7099885 A1 a to add additional U.S. Patent citation U.S.P Cite No Publication Number Kind Code1 1 20020099675 A1 2 20030110181 A1	21 7072902 A1 2006-07-04 22 7085771 A1 2006-08-01 23 7092936 2006-08-15 24 7093200 A1 2006-08-15 25 7099885 A1 2006-08-29 In to add additional U.S. Patent citation information plants U.S.PATENT APPLIG Cite No Publication Number Kind Code1 Publication Date 1 20020099675 A1 2002-07-25 2 20030110181 A1 2003-06-12	21 7072902 A1 2006-07-04 Kleinberger et al. 22 7085771 A1 2006-08-01 Chung et al. 23 7092936 2006-08-15 Alonso et al. 24 7093200 A1 2006-08-15 Schreiber et al. 25 7099885 A1 2006-08-29 Hellman et al. Into add additional U.S. Patent citation information please click the Add button. U.S.PATENT APPLICATION PUBLICATIONS Cite No Publication Number Kind Code ¹ Publication Date Name of Patentee or Applicant of cited Document 1 20020099675 A1 2002-07-25 Agrafiotis et al. 2 20030110181 A1 2003-06-12 SCHUETZE et al.	21 7072902 A1 2006-07-04 Kleinberger et al. 22 7085771 A1 2006-08-01 Chung et al. 23 7092936 2006-08-15 Alonso et al. 24 7093200 A1 2006-08-15 Schreiber et al. 25 7099885 A1 2006-08-29 Hellman et al. U.S.PATENT APPLICATION PUBLICATIONS Cite No Publication Number Kind Code1 Publication Date Name of Patentee or Applicant of cited Document Pages, Releva Figures 1 20020099675 A1 2002-07-25 Agrafiotis et al. 2 20030110181 A1 2003-06-12 SCHUETZE et al.	21 7072902

Application Number		10657426	
Filing Date		2003-09-08	
First Named Inventor	Adam	J. FERRARI	
Art Unit		2163	
Examiner Name	C. E.	Lu	
Attorney Docket Number		0109878.00132US1	

	4	20050022114	A1	2005-01	-27	Shanahan et a	I.				
If you wis	f you wish to add additional U.S. Published Application citation information please click the Add button. Add										
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patentee Applicant of cited Document	or	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5	
1	1	0918295	EP			1999-05-26	Yahoo				
2	2	0676705	EP			1995-10-11	US West Technolog Inc.	ies,			
3	3	0795833	EP			1997-09-17	Mannesmann				
4	4	0196064	EP			1986-10-01	Hitachi, Ltd.				
5	5	11250107	JP			1999-09-17	Adobe Systems Inc.				
6	6	11296547	JP			1999-10-29	Seiko Epson Corp				
7	7	09034901	JP			1997-02-07	Meidensha Electric Co. Ltd.	Mfg.			
8	8	10134063	JP			1998-05-22	Nippon Electric Co.				

Application Number		10657426	
Filing Date		2003-09-08	
First Named Inventor	Adam	J. FERRARI	
Art Unit		2163	
Examiner Name	C. E.	Lu	
Attorney Docket Number		0109878.00132US1	

9	9	2297179	GB		1996-07-24	Nippon Telegraph and Telephone Corporation		
10	10	2293667	GB		1996-04-30	Intermation Ltd.		
11	11	90/04231	WO		1990-04-19	Minnesota Mining and Manufacturing Company		
12	12	96/27161	WO		1996-09-06	Informations Medicales ET Statistiques		
13	13	97/36251	WO		1997-10-02	Critical Thought, Inc.		
14	14	98/20436	WO		1998-05-14	Natrificial LLC		
15	15	01/67225	WO		2001-09-13	Kanisa, Inc.		
16	16	02/097671	WO	A2	2002-12-05	Endeca Technologies, Inc.		
If you wis	h to ac	dd additional Foreign P				ease click the Add buttor		
	I	Γ			RATURE DO		Remove	I
Examiner Initials*	Cite No		nal, serial, symp	osium,	catalog, etc), o	the article (when appropr date, pages(s), volume-is		T5
	1	BEAUDOIN et al., "Chec	ops: A Compact Ex	oplorer F	or Complex Hie	rarchies", IEEE, pp 87-92 (1996)	

Application Number		10657426		
Filing Date		2003-09-08		
First Named Inventor Adam		J. FERRARI		
Art Unit		2163		
Examiner Name	C. E. Lu			
Attorney Docket Number		0109878.00132US1		

2	BIRD et al., "Content-Driven Navigation of Large Databases", The Institution of Electrical Engineers, 1996, pgs. 13/1 - 13/5	
3	CAREY, M. et al., "Info Navigator: A Visualization Tool for Document Searching and Browsing", Proceedings International Conference Distributed Multmedia Systems, pp. 23-28, (DMS Sep 2003), 2003	
4	CHEN et al., "Internet Browsing and Searching: User Evaluations of Category Map and Concept Space Techniques", Wiley InterScience: Journal:Abstract, January 6, 1999	
5	Chen et al., "Internet Browsing and Searching: User Evaluations of Category Map and Concept Space Techniques," Journal of the American Society for Information Science, Vol 49, pp. 582-603 (1998)	
6	Chen et al., "Object Signatures For Supporting Efficient Navigation In Object-Oriented Databases", Proceeding of the 32nd Hawaii International Conference on System Sciences, IEEE, pp. 502-507 (1997)	
7	CHEN et al., "Online Query Refinement on Information Retrieval Systems" A Process Model of Searcher/System Interactions", MID Department, University of Arizona, pp. 115-133 (1990)	
8	CILIBRASI, R. et al., "Automatic Meaning Discovery Using Google", 31 Pages, www.bsik-bricks.nl/events/ab/google_abstract.shtml, www.arxiv.org/abs/cs.CL0412098, (2004)	
9	European Search Authority, European Search Report for European Patent Application No. 01945997.3, dated May 23, 2007, 6 pages	
10	FUA et al., "Structure-Based Brushes: A Mechanism For Navigating Hierarchically Organized Data and Information Spaces", IEEE Transactions on Visualization and Computer Graphics, Vol. 6, No. 2, pp. 150-159, April-June 2000	
11	GARCIA-MOLINA et al., "The Query Compiler" Database System Implementation, 2000, Prentice Hall, Upper Saddle River, NJ, USA, XP002423997, pp. 329-364	
12	GIL et al., "A Visual Interface and Navigator for the P/FDM Object Database", Department of Computing Science, University of Aberdeen, IEEE, pp. 54-63 (1999)	

Application Number		10657426
Filing Date		2003-09-08
First Named Inventor Adam		J. FERRARI
Art Unit		2163
Examiner Name	C. E. Lu	
Attorney Docket Number		0109878.00132US1

HAN et al., "Join Index Herarchy: An Indexing Structure For Efficient Navigation in Object-Oriented Databases", IEEE 14 HEARST'S Fall 1999 Course, SIMS 202 Information Organization and Retrieval: http://www2.sims.berkeley.edu/ oourses/is202/199/Lectures.html 15 HEARST, M. et al., "Integrating Browsing & Search Relevance Feedback", SIMS 202, UC Berkeley, SIMS, Fall 1999, 2 16 International Searching Authority, International Search Report for PCT/03/31770, mailed June 29, 2004 17 International Searching Authority, International Search Report for PCT/US2006/043539, mailed 3/26/07, 12 pages 18 KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004 19 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 61-70 (1999) 20 MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) 21 MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 22 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd pp. 1-8, 1960			
15 HEARST, M. et al., "Integrating Browsing & Search Relevance Feedback", SIMS 202, UC Berkeley, SIMS, Fall 1999, 2 pages 16 International Searching Authority, International Search Report for PCT/03/31770, mailed June 29, 2004 17 International Searching Authority, International Search Report for PCT/US2006/043538, mailed 3/26/07, 12 pages 18 KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004 19 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 161-70 (1999) 20 MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) 21 MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 22 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd. pp. 1-8, 1960	13		
International Searching Authority, International Search Report for PCT/03/31770, mailed June 29, 2004 International Searching Authority, International Search Report for PCT/US2006/043538, mailed 3/26/07, 12 pages KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 61-70 (1999) MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd. pp. 1-8, 1960	14		
International Searching Authority, International Search Report for PCT/US2006/043538, mailed 3/26/07, 12 pages KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 61-70 (1999) MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd. pp. 1-8, 1960	15		
KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004 19 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 61-70 (1999) 20 MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) 21 MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 22 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd. pp. 1-8, 1960	16	International Searching Authority, International Search Report for PCT/03/31770, mailed June 29, 2004	
Search Results", WWW2004, pp. 658-665, May 17-22, 2004 19 MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 20 MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997) 21 MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 22 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd, pp. 1-8, 1960	17	International Searching Authority, International Search Report for PCT/US2006/043538, mailed 3/26/07, 12 pages	
MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd., pp. 1-8, 1960	18		
MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd, pp. 1-8, 1960	19		
Science, Ohio State University, 1998, pg. 189-200 MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd, pp. 1-8, 1960	20	MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997)	
pp. 1-8, 1960	21		
23 RAMASWAMI et al., "Navigating a Protection-Engineering Data Base", IEEE, pp. 27-32, April 1989	22		
	23	RAMASWAMI et al., "Navigating a Protection-Engineering Data Base", IEEE, pp. 27-32, April 1989	

Application Number		10657426
Filing Date		2003-09-08
First Named Inventor Adam		J. FERRARI
Art Unit		2163
Examiner Name	C. E. Lu	
Attorney Docket Number		0109878.00132US1

	24	TU et al., "Agent Technology for Website Browsing and Navigation", Proceedings of the 32nd Hawaii International Conference on Systems Sciences", IEEE, pp. 1-10, 1999				
	25	TURINE et al., "A Navigation-Oriented Hypertext Model Based on Statecharts", Hypertext 97, Southampton UK, 1997				
	26	VELEZ et al., "Fast and Effective Query Refinement", SIGIR 1997, pgs. 6-15				
	27	Weiland et al., "A graphical query interface based on aggregation/generalization hierarchies," Information systems, Vol. 18, No.4, pp. 215-232 (1993)				
	28	XIONG et al., "Taper: A Two-Step Approach for All-Strong-Pairs Correlation Query in Large Databases", IEEE Transactions on Knowledge and Data Engineering, Vol. 18, No. 4, April 2006, pgs. 493-508				
	29	YOO et al., "Towards A Relationship Navigation Analysis", Proceedings of the 32nd Hawaii International Conference on System Sciences", IEEE, pp.1-10, (2000)				
If you wish to add additional non-patent literature document citation information please click the Add button Add						
			EXAMINER SIGNATURE			
Examiner Signature Date Considered						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
¹ See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.						